

**GENERATOR**

**HAWTHORNE**

**SERVICE REPORT**

APPROVED BY \_\_\_\_\_

WORK ORDER NO.	SEGMENT	LABOR CHARGE CODE	OPERATION	EMPLOYEE NO. 8031	SHIFT 1	EMPLOYEE NAME R. CAMACHO		DATE	
CUSTOMER NAME <b>KAGMAN JUVENILE</b>		CUST. NO. 32	STORAGE	COST CTR.	PR OR EXCH. NO.		<input type="checkbox"/> HMR H191	OT / PT / SPL	NAR
MAKE <b>OLM</b>	MODEL <b>DP150</b>	SERIAL NUMBER	ARRIVING	STD. HOURS		<input type="checkbox"/> HPS H192	ELAPSED TIME	TOP	
JOB DESCRIPTION <b>KAGMAN JUVENILE FACILITY</b>  <b>JUNE</b>						<input type="checkbox"/> HMS H193	OT / PT / SPL	TECH	
						<input type="checkbox"/> HDM H191	ELAPSED TIME	STOP	
						<input type="checkbox"/> HRS BK	OT / PT / SPL	START	
						<input type="checkbox"/> HRS RK	OT / PT / SPL	STOP	
<input type="checkbox"/> HRS PONT.	OT / PT / SPL	START							
CHG DSL	CHG DEO	MIG	VEH	CHG 10W	CHG 30W	COST	SELL	HOURS, MILES	ELAPSED TIME

PART NUMBER RESPONSIBLE	PART NAME	QTY	DESC CODE	GROUP NUMBER CONTAINING PART	GROUP NAME	DID THIS INCIDENT MAKE THE INOPERABLE PRODUCT?	DESCRIPTIVE COMMENTS (20 SPACES MAXIMUM PER INCIDENT)
						<input type="checkbox"/> YES <input type="checkbox"/> NO	
						<input type="checkbox"/> YES <input type="checkbox"/> NO	
						<input type="checkbox"/> YES <input type="checkbox"/> NO	

**DESCRIPTIVE CODES**  
 A - Structural    C - Leaks    E - System Malfunction    G - General Repair    K - Serviceability    N - OPERATION COMPLAINT  
 B - Surface    D - Factors Assembly    F - Factors Shipping    H - Adjustments    L - Abuse

WHAT WAS THE CUSTOMER COMPLAINT?

ADDITIONAL COMMENTS  
THE CAUSE OF FAILURE?

WHAT WAS THE RESULTANT DAMAGE?

HOW DID YOU REPAIR IT?

**MONTHLY INSPECTION ON ENGINE & GENERATOR**  
**INSPECT ALL FLUID LEVEL, BELTS, HOSES, BATTERIES**  
**CABLES, BATTERY CHARGER TEST RUN AND**  
**WARM UP & OBSERVE FOR PROPER OPERATION**

CUSTOMER SIGNATURE \_\_\_\_\_

SERVICEMAN SIGNATURE \_\_\_\_\_

**R. CAMACHO**

**HAWTHORNE**

**SERVICE REPORT**

APPROVED BY \_\_\_\_\_

WORK ORDER NO.	SEGMENT	LABOR CHARGE CODE	OPERATION	EMPLOYEE NO.	SHIFT	EMPLOYEE NAME	DATE
				2031	1	R. CAMACHO	
CUSTOMER NAME				CUST. NO.	STORY	COST CTR	PR OR EXCH NO
KAGMAN JUVENILE				82			
MAKE	MODEL	SERIAL NUMBER	ARR NO	STD HOURS			
DAY	DP150						
JOB DESCRIPTION							
KAGMAN JUVENILE FACILITY							
July							
ENG	ENG	MFG	VEH	CHG	CHG	COST	SELL
DSL	DEO			10W	30W		

PART NUMBER RESPONSIBLE	PART NAME	QTY	DESC. CODE	GROUP NUMBER CONTAINING PART	GROUP NAME	DID THIS INCIDENT MAKE THE INOPERABLE PRODUCT	DESCRIPTIVE COMMENTS (20 SPACES MAXIMUM PER INCIDENT)
						YES NO	
						YES NO	
						YES NO	

DESCRIPTIVE CODES: A - Structural, B - Surface, C - Leaks, D - Factory Assembly, E - System Malfunction, F - Factory Shipping, G - General Repair, H - Adjustments, I - Serviceability, J - Abuse, K - OPERATION COMPLAINT

WHAT WAS THE CUSTOMER COMPLAINT?

ADDITIONAL COMMENTS  
 THE CAUSE OF FAILURE?

WHAT WAS THE RESULTANT DAMAGE?

HOW DID YOU REPAIR IT?

INSPECT & TEST RUN GENERATOR SET  
 INSPECT FUEL LEVELS, GAUGES, BELTS & HOSES  
 WARM UP & OBSERVE ENGINE PARAMETERS TO  
 PROPER SPEC. OBSERVE GENERATOR OUTPUT FOR  
 VOLTAGE & FREQUENCY. GENSET IS IN NORMAL  
 CONDITION.

CUSTOMER SIGNATURE

SERVICEMAN SIGNATURE

R. CAMACHO

**HAWTHORNE**

**SERVICE REPORT**

APPROVED BY: \_\_\_\_\_

WORK ORDER NO.	SEGMENT	LABOR CHARGE CODE	OPERATION	EMPLOYEE NO. 8031	SHIFT 1	EMPLOYEE NAME R. CAMACHO	DATE
CUSTOMER NAME <b>KAGMAN JUVENILE CENTER</b>				STORE 82	CONTRACT	WORK OR EXCHNG	
MAKE <b>OLY</b>	MODEL <b>DD150</b>	SERIAL NUMBER	ARRG NO	STD HOURS	<input type="checkbox"/> HMC H100 <input type="checkbox"/> HPS H192 <input type="checkbox"/> HMC H150 <input type="checkbox"/> HDM H191 <input type="checkbox"/> HRS 6P <input type="checkbox"/> HLS 6P <input type="checkbox"/> HLS FONT		
JOB DESCRIPTION <b>KAGMAN JUVENILE FACILITY</b>				OT / PT / SPI ELAPSED TIME OT / PT / SPI ELAPSED TIME OT / PT / SPI ELAPSED TIME			
CHG DSL	CHG DEC	MIG	VEN	CHG 10W	CHG 30W	COST	SET
PART NUMBER RESPONSIBLE				PART NAME	QTY	DESC CODE	GROUP NUMBER CONTAINING PART
DESCRIPTIVE CODES				DID THIS INCIDENT MAKE THE INOPERABLE PRODUCT? YES NO YES NO YES NO			
DESCRIPTIVE COMMENTS (20 SPACES MAXIMUM PER INCIDENT)				A - Structural B - Surface C - Locks D - Factory Assembly E - System Malfunction F - Factory Shipping G - General Repair H - Adjustments I - Serviceability J - Abuse K - OPERATION COMPLAINT			

WHAT WAS THE CUSTOMER COMPLAINT?

ADDITIONAL COMMENTS (THE CAUSE OF FAILURE?)

WHAT WAS THE RESULTANT DAMAGE?

HOW DID YOU REPAIR IT?

MONTHLY INSPECTION ON GENERATOR & ENGINE.  
 TEST RUN & WARM UP ENGINE. INSPECT ENGINE GAUGES & MONITOR READINGS ARE WITHIN SPECS.  
 INSPECT AN FLUID LEVELS & TAP UP OIL TO CORRECT LEVEL. GENSET IS IN NORMAL CONDITION!

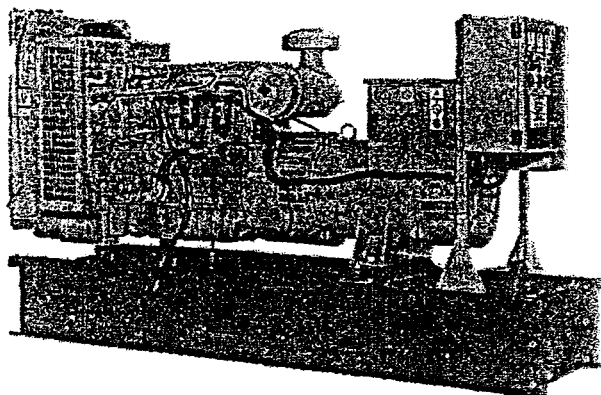
CUSTOMER SIGNATURE \_\_\_\_\_ SERVICEMAN SIGNATURE **R. CAMACHO**



# DIESEL GENERATOR SETS

# OLYMPIAN™

*Exclusively from your Caterpillar® dealer*



**STANDBY 90-150 kW**  
**PRIME 82.4-114 kW**  
**60 Hz**

Model	Standby kW (kVA)	Prime kW (kVA)
D90P1	90 (112.5)	82.4 (103)
D100P1	100 (125)	90 (112.5)
D100P2*	100 (125)	90 (112.5)
D125P1	125 (156.3)	114 (142.5)
D125P2*	125 (156.3)	114 (142.5)
D150P1	150 (187.5)	N/A

\*EPA Approved, Emissions Certified

## FEATURES

### GENERATOR SET

- Complete system designed and built at ISO 9001 certified facilities
- Factory tested to design specifications at full load conditions

### ENGINE

- Governor, electronic (D125P1, D125P2, D150P1)
- Governor, mechanical (D90P1, D100P1, D100P2)
- Electrical system, 12 VDC
- Cartridge type filters
- Battery(s), rack and cables
- Coolant and lube drains piped to edge of base

### GENERATOR

- Insulation system, class H
- Drip proof alternator air intake (NEMA 2, IP23)
- Electrical design in accordance with BS5000 Part 99, IEC34-1, VDE0530, UTE51100, NEMA MG-1.22

### CONTROL SYSTEM

- 2001 Autostart control panel
- Vibration isolated NEMA 1 enclosure with lockable hinged door
- DC and AC wiring looms

### MOUNTING ARRANGEMENT

- Heavy-duty fabricated steel base with lifting points
- Directly mounted 10 dB(A) silencer
- Complete OSHA guarding
- Flexible fuel lines to base with NPT connections
- Anti-vibration pads to ensure vibration isolation
- Stub-up pipe ready for connection to silencer pipework

### COOLING SYSTEM

- Radiator and cooling fan complete with protective guards
- Standard ambient temperatures up to 122° F (50° C)

### CIRCUIT BREAKER

- UL/CSA listed
- 3-pole with solid neutral
- NEMA 1 steel enclosure, vibration isolated
- Electrical stub-up area directly below circuit breaker

### AUTOMATIC VOLTAGE REGULATOR

- Voltage within  $\pm 0.5\%$  at steady state from no load to full load
- Provides fast recovery from transient load changes

### EQUIPMENT FINISH

- All electroplated hardware
- Anticorrosive paint protection
- High gloss polyurethane paint for durability and scuff resistance

### QUALITY STANDARDS

- BS4999, BS5000, BS5514, IEC34, VDE0530, NEMA MG-1.22, NFPA 110 (with optional equipment)

### DOCUMENTATION

- Operation and maintenance manuals provided
- Wiring diagrams included

### WARRANTY

- 12 months from date of initial start-up or 18 months from shipping, whichever occurs first

Materials and specifications are subject to change without notice.

WHERE THE WORLD TURNS FOR POWER

**STANDBY 90 - 150 kW**  
**PRIME 82.4 - 114 kW**  
**60 Hz**

**OLYMPIAN™**

*Exclusively from your Caterpillar® dealer*

## SPECIFICATIONS

### GENERATOR

Voltage Regulation .....  $\pm 0.5\%$  at steady state from  
no load to full load  
Frequency .....  $\pm 0.8\%$  for constant load,  
no load to full load  
Waveform Distortion ..... THD < 1.8%, at no load  
Radio Interference ..... Compliance with BS800 and  
VDE Class G&N  
Telephone Interference ..... TIF < 50, THF < 2%  
Overspeed Limit ..... 2250 rpm  
Insulation ..... Class H  
Temperature Rise ..... Within Class H limits  
Available Voltages ..... 277/480, 266/460, 120/240,  
127/220, 120/208, 347/600  
Deration ..... Consult factory for available outputs  
Ratings ..... At 86° F (30° C), 500 ft. (152.4 m),  
60% humidity, 0.8 pf

### ENGINE

Manufacturer ..... Perkins  
Type ..... 4-Cycle  
Cylinder Configuration ..... In-line 6  
Displacement — cu in (L) ..... 366 (6.0)  
Bore — in (mm) ..... 3.94 (100.0)  
Stroke — in (mm) ..... 5.00 (127.0)  
Compression Ratio  
D90P1, D100P1, D100P2, D125P1, D150P1 .... 16.0:1  
D125P2 ..... 17.0:1  
Governor  
Type  
D90P1, D100P1, D100P2 ..... Mechanical  
D125P1, D125P2, D150P1 ..... Electronic  
Class ..... A1  
Piston Speed — ft/sec (m/sec) ..... 25.0 (7.62)  
Engine speed — rpm ..... 1800  
Air Cleaner Type ..... Dry, replaceable paper  
element type with restriction indicator  
Regenerative Power — kW ..... 16.2  
**D90P1 — 1006TG1A**  
Max Power at Rated rpm — hp (kW)  
Standby ..... 152 (113)  
Prime ..... 136 (102)  
BMEP — psi (kPa)  
Standby ..... 183 (1259)  
Prime ..... 164 (1133)  
Aspiration ..... Turbocharged

## RATING DEFINITIONS

**Standby** — Applicable for supplying continuous electrical power (at variable load) in the event of a utility power failure. No overload is permitted on these ratings. The generator is peak rated (as defined in ISO8528-3).

### D100P1 — 1006TG2A

Max Power at Rated rpm — hp (kW)  
Standby ..... 166 (124)  
Prime ..... 151 (112)  
BMEP — psi (kPa)  
Standby ..... 202 (1393)  
Prime ..... 182 (1253)  
Aspiration ..... Turbocharged

### D100P2 — 1006-6T

Max Power at Rated rpm — hp (kW)  
Standby ..... 166 (124)  
Prime ..... 150 (112)  
BMEP — psi (kPa)  
Standby ..... 200 (1376)  
Prime ..... 182 (1253)  
Aspiration ..... Turbocharged

### D125P1 — 1006TAG

Max Power at Rated rpm — hp (kW)  
Standby ..... 219 (163)  
Prime ..... 201 (150)  
BMEP — psi (kPa)  
Standby ..... 266 (1836)  
Prime ..... 234 (1610)  
Aspiration ..... Turbocharged, AA Charge

### D125P2 — 1006TA

Max Power at Rated rpm — hp (kW)  
Standby ..... 216 (162)  
Prime ..... 197 (147)  
BMEP — psi (kPa)  
Standby ..... 262 (1799)  
Prime ..... 238 (1635)  
Aspiration ..... Turbocharged, AA Charge

### D150P1 — 1006TAG1

Max Power at Rated rpm — hp (kW)  
Standby ..... 219 (163)  
Prime ..... N/A  
BMEP — psi (kPa)  
Standby ..... 266 (1836)  
Prime ..... N/A  
Aspiration ..... Turbocharged, AA Charge Cooled



### CONTROL PANEL

NEMA 1 steel enclosure with lockable hinged door  
Vibration isolated mounted Autostart control panel  
Single location customer connector point  
Electrical stub-up area directly below control panel

**Prime** — Applicable for supplying continuous electrical power (at variable load) in lieu of commercially purchased power. There is no limitation to the annual hours of operation and the generator set can supply 10 percent overload power for 1 hour in 12 hours.

Consult your Olympian representative for more information.

www.CAT-ElectricPower.com

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## MAINTENANCE CONTRACT AND AGREEMENT

March 15, 2004

Contract # LC0403-01

Customer: Department of Community & Cultural Affairs  
Division of Youth Services  
Kagman Juvenile Center

Contact: Mr. Floyd Masga  
Tel. #: 664-2530  
Fax. #: 664-2560/256-2557

Equipment: Olympian Generator Set  
Generator # 1  
Model #: D150P1  
Serial #: NAT00127

### Proposed Service/s

Service Type 1 Monthly Maintenance Service \$ 158.25/month  
12 X per Year \$ 158.250/Month X 12 = \$1,899.00

Service Type 2 Annual Maintenance Service \$ 422.00  
1 X per Year

Total Agreement Price: \$2,321.00

Period Covered: March 2004 up to February 2005

Customer to be invoiced on monthly basis for actual work done during the month.

Term of agreement is one (1) year. Proposal expires thirty (30) days from date of issue. Work proposed to be performed during normal business hours of Pacific Machinery. Customer will be responsible to inform Pacific Machinery when service is needed.

Authorized By: [Signature]

Date: 3/15/04

Branch Manager: [Signature]

Date: 3/15/04

Office of the Governor  
Saipan, MP 96950

**PURCHASE ORDER**  
THIS NUMBER MUST APPEAR ON ALL INVOICES AND DELIVERY SLIPS  
No. 414804-000 OP

Telephone: (670) 664-1500 Fax: (670) 664-1515

DATE: 03/02/04

VENDOR: PACIFIC MACHINERY-SPN BRANCH  
PMB 1486, P.O. BOX 10000

SAIPAN MP  
96950-8900

**INSTRUCTIONS**

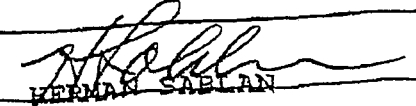
1. P.O. number must appear on all invoices, packages, packing lists, and other related documents.
2. Payments requests, prior to receipt of shipment, must include proof of shipment with invoice.
3. The CNMI Government reserves the right to reject any or all items received that are not in compliance with ordered specifications.
4. AIRMAIL original invoices attached to the original corresponding CNMI Government Purchase Orders to the Division of Finance & Accounting, Attn: Accounts Payable, P.O. Box 5234 CHRB Saipan, MP 96950. All correspondence with regards to payments must be directed to the above.
5. All correspondence regarding shipment of this order is to be directed to the Director, Procurement & Supply, CNMI.
6. Any refund check should be made payable to CNMI Treasury. Mail all refund to the above address.

FOB POINT :  
SHIPPED VIA :  
DELIVERY TIME:

QUANTITY	UNITS OF ISSUE	DESCRIPTION	UNIT PRICE	TOTAL PRICE
	LO	MONTHLY PREVENTIVE MAINT. INSPECTION FOR STANDBY POWER GENERATOR SYSTEM OLYMPIAN D150P1	.00	1,895
	LO	PREVENTIVE MAINTENANCE; INCLUSIVE OF PARTS REPLACEMENT, PARTS AND LABOR WITH 3/MO WARRANTY.	.00	422
<b>NOTE TO VENDOR:</b> Please provide a copy of invoice showing receipt of goods/merchandise to: Director, PROCUREMENT & SUPPLY P.O. Box 10008 CK Lower Basin, Saipan, MP 96950				
TOTAL				2,317

RTO: MARPANDS - SAIPAN 414804-OP  
DCCA-04-1220.  
P.O. BOX 10008, CK  
SAIPAN, MP  
96950  
Requested By : Youth Services Saipan



RELEASE DATE : 03/02/04

  
HERMAN SABLAN

P VIA:





 <b>COMMONWEALTH OF THE NORTHERN MARIANA ISLANDS</b> SAIPAN, MP 96950 <b>PURCHASE REQUISITION</b> 							
REQUESTING OFFICE: Dept. of Comm. & Cult. Affairs Div. of Youth Services		PREPARED BY: R.T.T.		DATE: 3/14/06		REQ. NO: DCCA-06- ORDER NO:	
VENDOR NUMBER, NAME & ADDRESS:  Hawthorne Pacific TNB 1486, Box 1000 Saipan, MP 96950				SHIP TO:  MARPANDS Commonwealth of the Northern Mariana Is. Saipan, MP 96950			
FOB POINT:  Saipan		SHIP VIA:  NA		DELIVERY TIME:  As Needed			
Item No.	Account Number		Qty	Unit	Unit Cost	Extended Cost	Description
	Bus. Unit	Account					
1				Lot		\$2,321.00	Service & Repair & Maintenance of
							1 Olympian Generator Model# D150P1
							Located at the Juvenile Detention
							in Kagman. (1 Year Service and
							maintenance)
					Concurred by:		Debra M. Inos
							DYS Director
					SUB-TOTAL		
					FREIGHT & HANDLING		
					OTHER		
TOTAL REQUISITION AMOUNT						\$2,321.00	
JUSTIFICATION: 1 year repair & maintenance service agreement with Hawthorne Pacific to							
service and repair and provide maintenance to the Kagman Juvenile Detention Back-							
Up Generator.							
APPROVED BY (Department Head/Expenditure Authority) Daisy Villagomez-Bier Secretary DCCA				DATE		DIRECTOR PROCUREMENT AND SUPPLY Herman Sablan	
						DATE	

DISTRIBUTION: ORIGINAL - ACCOUNTS PAYABLE F &amp; A • YELLOW: PROC. &amp; SUPPLY • PINK: REQUISITIONER

## MAINTENANCE CONTRACT AND AGREEMENT

February 25, 2006

Contract # LC0403-01

Customer: Department of Community & Cultural Affairs  
Division of Youth Services  
Kagman Juvenile Center

Contact: Mr. Floyd Masga  
Tel. #: 664-2530  
Fax. #: 664-2560/256-2557

Equipment: Olympian Generator Set  
Generator # 1  
Model #: D150P1  
Serial #: NAT00127

### Proposed Service/s

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12 X per Year \$ 158.250/Month X 12 = \$1,899.00

Service Type 2 Annual Maintenance Service \$ 422.00  
1 X per Year

Total Agreement Price: **\$2,321.00**

Period Covered: **March 2006 up to February 2007**

Customer to be Invoiced on monthly basis for actual work done during the month.

Term of agreement is one (1) year. Proposal expires thirty (30) days from date of issue. Work proposed to be performed during normal business hours of Pacific Machinery. Customer will be responsible to inform Pacific Machinery when service is needed.

Authorized By: \_\_\_\_\_ Date: \_\_\_\_\_

Branch Manager: \_\_\_\_\_ Date: \_\_\_\_\_